

Amendments to the Drawings

The attached drawing sheet includes changes to Fig. 2A. This sheet replaces original Fig. 2A, which omitted the correlator 228 and memory 229 recited in claim 46.

Attachment: Replacement Drawing Sheet

REMARKS

I. Status of the Application

Following the Examiner's June 22, 2009 Office Action, claims 1-36, 40-43 and 57-55 have been withdrawn, the drawings stand objected to as not including a element recited in claim 46, claims 49 and 52-56 stand objected to under 35 USC § 112, 2nd paragraph, claims 37-39 and 44-46 stand rejected under 35 USC § 102(b) as anticipated by USPN 5,004,583 to Guruswamy et al., claims 37-39 and 44, 45, 47, and 48 stand rejected under 35 USC § 102(b) as anticipated by USPN 4,072,576 to Arwin et al., and claims 37-39 and 44-48 stand rejected under 35 USC § 102(b) as anticipated by USPN 5,597,534 to Kaiser.

Responsive to Examiner's June 22, 2009 Office Action, the Applicants requests entry of the following amendments:

Fig. 2A is amended to illustrate the correlator referred to in paragraph [0037]. Fig. 2A is also amended to illustrate the memory circuit referred to in claim 46.

Paragraph [0037] is amended to include a memory circuit recited in claim 46. The amendments provided at end of paragraph [0037] are a reiteration of the correlator's operation described earlier in the paragraph.

Claims 47 and 54-56 are cancelled without prejudice, and the Applicant reserves the right to present these claims in a divisional application.

Claims 49, 52, and 53 are amended to clarify the claimed subject matter. In particular, instances of the referred to "sample" are redacted from the claim to provide greater clarity of the claimed subject matter.

Claim 37 is amended to include the features of claims 47 and 50. The Applicant concurs with the Examiner that the claim is novel and inventive over the cited documents.

The Applicant respectfully requests reconsideration of pending claims 37-39, 44-46, 48, 49 and 51-53 in view of the foregoing amendments and remarks.

Conclusion

The Applicant submits that pending claims 37-39, 44-46, 48, 49 and 51-53 are allowable over the cited art, and accordingly requests the issuance of a Notice of Allowance in due course. Should the Examiner believe an interview would expedite prosecution of the case, a telephone call or e-mail to the Applicants' representative indicating a day and time most convenient for the Examiner would be welcomed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Clifford B. Perry", with a stylized, flowing script.

Clifford B. Perry
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